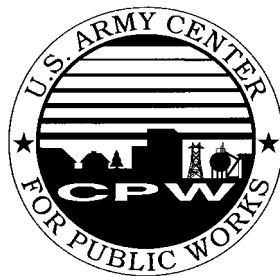


PUBLIC WORKS TECHNICAL BULLETIN 420-47-05
1 AUGUST 1994

SOURCE REDUCTION PLANNING



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7701 Telegraph Road
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Public Works Technical Bulletin
No. 420-47-05

FACILITIES ENGINEERING
Utilities

SOURCE REDUCTION PLANNING

1. Purpose. The purpose of this Public Works Technical Bulletin (PWTB) is to transmit The Environmental Protection Agency's (EPA) Business Guide for Reducing Solid Waste (September 1993). The EPA publication outlines step-by-step instructions designed to assist Solid Waste Managers to develop an installation level Solid Waste Management Program.

2. Applicability. This PWTB applies to all U.S. Army Facilities Engineering/Public Works activities.

3. References.

- a. AR 420-47, Solid Waste Management, 1 Jan 1985.
- b. Policy Letter CEHSC-FU-S, Subject: Army Policy for Solid Waste Management, 29 Mar 1993.
- c. TN 420-47-02, Installation Recycling Guide, 1 Sep 1991.
- d. TN 420-47-3, Integrated Solid Waste Management, May 1993.
- e. PWTB 420-47-4, Solid Waste Options, 1 October 1993.

4. Discussion.

a. Many areas of the country are seeing a dramatic increase in the complexity and costs of managing their waste. At the same time, public concern over the effects of all this waste has grown significantly. Today more and more costumers are taking environmental consideration into account when purchasing product and services. In response, the Army is incorporating waste reduction principles into their daily operations. Waste reduction includes all actions taken to reduce the amount and/or

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toxicity of waste requiring disposal. It includes source reduction, recycling, composting, and the purchase and manufacture of goods that have recycled content or produce less waste.

b. AR 420-47 prescribes responsibilities, standards, and procedures for the efficient and economical collection, recycling, and disposal of solid waste. The Army Solid Waste Management (SWM) Policy Letter is a summary of proposed revisions to AR 420-47 and requires the installation to develop a Integrated Solid Waste Management plan (ISWM). Additional solid waste references include TN 420-47-02 which contains guidance for implementing solid waste recycling programs at Army installations. PWTB 420-47-3 provides guidance for ISWM planning, analysis and implementation of all SWM options. PWTB 420-47-4 is a computer software package developed for evaluating and selecting SWM options.

c. The enclosed EPA Guide for Reducing Solid Waste will assist in the understanding and development of an ISWM plan. It offers step-by-step instructions designed to assist managers establish a waste reduction program. The guide presents an overview on developing and implementing a waste reduction program, and follows with worksheets designed to help the team conduct a waste assessment and devise a program tailored for installations specific goals. Copies of the EPA Guide and technical guidance and support for SWM programs including source reduction, reuse, recycling, incineration, land filling, privatization and regionalization can be obtained from CECPW-ES, DSN 656-5212, commercial (703) 806-5212. Additional copies also can be obtained from the EPA Publication Office, commercial (703) 412-9810.

5. Point of Contact. Questions and/or comments regarding this subject, which can not be resolved at installation level, should be directed to U.S. Army Center for Public Works, CECPW-ES, 7701 Telegraph Road, Alexandria, VA 22310-3862, at DSN 656-5196, commercial (703) 806-5196 or PAXID CPWES.

FOR THE DIRECTOR:

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Director of Engineering

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